

CLAIMS

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A one-piece unitary compression cap comprising:
 - a generally cylindrical wall having opposite longitudinal ends;
 - a shoulder extending radially inwardly from one of said ends; and
 - at least one inward deformation in said cylindrical wall.
2. The compression cap of claim 1 wherein said inward deformation comprises at least one rib.
3. The compression cap of claim 2 wherein said inward deformation comprises at least one longitudinal rib.
4. The compression cap of claim 1 comprising a plurality of said deformations approximately evenly spaced about the circumference of said wall.
5. The compression cap of claim 1 wherein said wall defines a hole proximate said one end proximate said shoulder.
6. The compression cap of claim 1 wherein said shoulder extends around the entire circumference of said one end of said wall.
7. The compression cap of claim 1 wherein the other end of said wall flares radially outwardly.
8. A plumbing connection comprising:
 - a fitting;
 - a conduit having an outer surface and an end in communication with said fitting;and

a one-piece unitary compression cap on said end of said conduit and compressed about said conduit to secure said conduit on said fitting, said cap including a sidewall and an inward deformation in said sidewall, said deformation engaging said conduit.

9. The cap of claim 8 wherein said cap includes a plurality of said inward deformations spaced about the circumference of said cap.

10. The cap of claim 9 wherein at least some of said deformations are longitudinal ribs.

11. The cap of claim 8 wherein:

said cap includes first and second ends; and

said cap includes a shoulder extending radially inwardly from said first end, said conduit engaging said shoulder.

12. The cap of claim 11 wherein said cap defines a window proximate said first end, whereby said conduit is visible through said window.

13. The cap of claim 11 wherein said shoulder extends around the entire circumference of said first end of said cap.

14. The cap of claim 11 further comprising a lip extending radially outwardly from said second end of said cap.

15. A method of mounting a conduit on a fitting comprising the steps of:

positioning a one-piece unitary compression cap on one end of the conduit, the cap including at least one inwardly extending deformation providing an interference fit between the cap and the conduit;

positioning the conduit end on the fitting; and

compressing the cap to secure the conduit on the fitting.